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اسدا	Di	Н	ayashi, E., et al., "C	Compara	tive stu	dies on anti-	nicotinic acti	on of hex	amethoniu	m, meca	mylai	nine an	d
		ac	lenosine in the guin	ea pig is	olated	ileum," Japa	an J. Pharmac	col, 27: 65	9-665 (19	97).	•		
1	D2	Sa   (1	Sanberg, P.R., et al., "Nicotine for the Treatment of Tourette's Syndrome," Pharmacol. Ther. 74(1): 21-25 (1997).										
$\neg \tau$	D3	D3 Suchocki, J.A., et al., "Synthesis of 2-exo-and 2-end-mecamylamine analogs. Structure-activity relationships											
1	for nicotinic antagonism in the central nervous system," Journal of Medicinal Chemistry, 34: 1003-1010 (1991).  D4 European Patent Application No. 98 93 9328.5, Supplementary European Search Report issued												
1	December 3, 2003.												
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		IENTS (Incl. Author, Title, Date, Pertinent pages, etc.	•						
CAYS TH	DI	Ballivet et al "Nicotine Acetylehaling 11 "	.)						
1 Daniver, et al., Tricotine Acctylenomie elegans, Jivib., 2290, pp. 201-209 (1990)									
		Banerjee, et al., "[3H]Mecamylamine Binding to Rat Brain Membranes," Biochemical Pharmacology, Vol. 40, No. 9, pp. 2105-2110 (1990)							
	D3	Bianchi, C. and L. Tomasi, "Central nervous system and autonomic nervous system effects of amantadine and of some standard anti-Parkinson drugs," <i>Pharmacology</i> , 10(4), 226-237 (1973).							
	D4 Bruun, R.D. and C.L. Rudman, "Risperidence as a treatment for Tourette's symdrome," I Clin. Br. J. S. 1713.								
lI		Bruun, R.D. and C.L. Budman, "Risperidone as a treatment for Tourette's syndrome," <i>J.Clin. Psychiatry</i> , 57(1): 29-31 (1996).							
	D5	Emerich, et al., "Nicotine Locomotor Hypoactivity," Pharm. Biochem. & Behav., Vol. 38, pp. 875-880 (1991)							
	D6	Emerich, et al., "Nicotine of Haloperidol, Psychopharm. Bulletin., Vol. 27(3): 385-390 (1991).							
	► D7	Erdmann, R., "Nicotine in neuropsychiatric movement disorders," Fortschr Neurol Psychiatr., 64(9): 362-366 (1996).							
	, D8	Freund, R.K., et al., "Nicotine effects in mouse hippocampus are blocked by mecamylamine, but not other nicotinic antagonists," <i>Brain Res.</i> , 511(2): 187-191 (1990).							
	D9	Ghaemi, S.N., et al., "Acute treatment of bipolar disorder with adjunctive risperidone in outpatients," Can. J. Psychiatry, 42(2): 196-199 (1997).							
	D10	Green, M.F., et al., "Does Risperidone Improve Verbal Working Memory in Treatment-Resistant Schizophrenia?" American Journal of Psychiatry, 154(6): 799-804 (1997).							
	Dil	Hsu, W., "Toxicity and Drug Interactions of Levamisole," HAVMA, Vol. 176, No. 10, pp. 1166-1169 (May 1980)							
	D12	Ivanová, S. and A. J. Greenshaw, "Nicotine-induced d	ecreases in VTA electrical self-	stimulation thresholds:					
		blockade by haloperidol and mecamylamine but not so 134(2): 187-192 (1997).	opolamine or ondansetron," Psy	chopharmacology,					
	D13		Jankovic, J. and H. Rohaidy, "Motor, behavior and pharmacologic findings in Tourette's Syndrome." Can. 1						
_   -	D14	Jolles, J., et al., "Cognitive Impairment in Elderly Peo	-10" Day - 8 4-in- 7(6): 450	470 (1005)					
	D15	The Lancet, "Nicotine Gum & Haloperidol in Tourette	25 Sandages " = 602 (May 12)	479 (1995).					
	D16	The Lancet "Transdermal nigotine natch in Towest	s Syndrome, p. 592 (Mar. 12,	1998)					
	D16 The Lancet, "Transdermal nicotine patch in Tourette's Syndrome," Vol. 342, P. 182 (Jul. 17, 1993)  D17 Levin, E. D. and D. Torry, "Acute and chronic nicotine effects on working memory in aged rats,"								
		Psychopharmacology, 123: 88-97 (1996).	e effects on working memory in	aged rats,"					
	D18	Lindström, E., et al., "Efficacy and safety of risperidon	ne in the long-term treatment of	nationta with					
		schizophrenia," Clin. Ther. 17(3): 402-412 (1995).	io ai die iong-teim deatment of	patients with					
	D19	Lombroso, P.J., et al., "Risperidone treatment of children	ren and adolescents with chronic	tic disorders: a					
		preliminary report," J. Am. Acad. Child Adolesc. Psych	hiatry, 34(9): 1147-1152 (1995)	١.					
	D20	Lomboros, P.J., et al., "Risperidone treatment of children and adolescents with chronic tic disorders: a preliminary report," J. Am. Acad. Child Adolesc. Psychiatry, 35(3): 394 (1966).							
	D21	McConville, et al., "The Effects in Tourette's Disor	rder," Biol. Psychiatry, Vol. 310	8): 832-840 (1992)					
	D22	McConville, et al., "Nicontine in Tourette's Syndro	ome," Amer. J. Psychiatry, 148(	6): 793-794 (Jun. 1991)					
	D23	Pharmacol Ther., "Nicotine for the Treatment of Tours	ette's Syndrome." Vol. 74. No	l. pp. 21-25 (1997)					
	D24	Psychopharmacologia (Berl.), "Nicotine-Like after	Mecamylamine in rate	'46, pp. 119-121 (1976)					
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3/0	THER	OCUM	ENTS (Incl. Author, Title, Date, Pertinent pages, etc	<u></u>		<u> </u>				
D25			Rupniak, et al. "Antinociceptive and Toxic Effect Attributable to Nicotinic Agonist Activity," Brit. J.							
	r	l	Pharmacol., 113(4): 1487-1493 (1994)							
D26 Sallee, F.R., et al., "Effects of pimozide on cognition in children with Tourette syndrome: inte					ne: interaction with					
		comorbid attention deficit hyperactivity disorder," Acta. I Psychiatr. Scand., 90(1): 4-9 (1994).								
	$\top$	D27 Sallee, F.R., et al., "Pharmacokinetics of pimozide in adults and children with Tourette's syndrome," J. Clin.								
<u></u>										
	D28 Sallee, F.R., et al., "Relative efficacy of haloperidol and pimozide in children and adolescents with Tourette's									
			disorder," Am. J. Psychiatry, 154(8): 1057-1062 (199	17).						
	1	D29	29 Sanberg, et al., "Nicotine as a Therapeutic Adjunct for Tourette's Syndrome," pp. 35-41 (1997)							
		D30	Sanberg, et al., "Nicotine with Tourette's Syndrome," Biomed & Pharmacother., 43, pp. 19-23 (1989)							
		D31	Sanberg, et al., "Nicontine Striatal Mechanisms," Pharmacol. Biochem & Behavior, Vol. 46: 303-307 (1993)							
		D32	Sano Corporation website (1997)							
1		D33	Sawada, S., et al., "Augmenting action of nicotine on population spikes in the dentate gyrus of the guinea pig,"							
<u></u>	<b>\</b>		Neurosci Res., 20(4): 317-322 (1994).							
		D34	0 ) F							
			[ (1986).							
		D35								
<u> </u>	-		Pharmacol, 350:153-157 (1994).							
*	D36 Shapiro, E., et al., "Controlled study of haloperidol, pimozide and placebo for the treatment of Gilles de la									
<u> </u>	_	Tourette's syndrome," Arch. Gen. Psychiatry, 46(8): 722-730 (1989).								
1	D37 Shieh, et al., "Sexual Differences in the Diurnal Changes of Neuron Activity in Rat: Role of Cholinergic									
<u> </u>	+ $ +$	D20	Control," Biology of Reproduction, Vol. 54, pp. 987-992 (1996)							
	_	D38 Shytle, et al., "Nicotine, Tobacco and Addiction," Int'l Weekly Journal of Science, Vol. 384, PP. 18-19 (1997)								
	-	D39	Shytle, et al., "Researchers Exploring TS Treatme	nt," Tour	ette Syn. Assoc., 25(1): 1	, 3, 7 (1997)				
_		D40	Shytle, et al., "Transdermal Nicotine for Tourette's Syndrome," Drug Development Research, Vol. 38, pp. 290-298 (1996)							
	D41 Silver, et al., "Case Study In Tourette's Syndrome," J. Amer. Child & Adolesc. Psych., Vol. 35(12), pp.									
			1631-1636 (1996)							
	1/ 1	D42	Stone, et al., "Chemistry and Structure-Activity Relationships and Structure-Activities and Structure-Activ	tionship o	of Mecamylamine and De	erivatives," Journal of				
		D43	The Merk Index, "5654. Mecamylamine," p. 905 (198							
EX	EXAMINER DATE CONSIDERED									
<u> </u>					12/10/0	7				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.